Prototype Sustainment Review
02 Jul 02

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Sustainment Review History

- CG mandated standardized C4IEWS sustainment reviews
- Four Prong Effort (LRC with PEOs)
  - CDA
  - PBL
  - SBCT (formerly the IBCT)
  - Sustainment Review Board (SRB)
- SRB Value Concept Workshop 13 –17 May 02
  - Established Draft Policy & Procedure
  - Prototype Effort
    - Focus on LRC Weapon Systems
    - Each directorate nominates one system as prototype

SR ICT Members

- Phil Mercurio, **Linda Beltran*,** Steve Gunther, Lori Coolahan, Mark Loyer - LEO Dir
- Rosemary Finnegan – DRE
- **Mark DiPaola – CCS/A Dir***
- Jose Bustillos – DSCLOG/ENG
- **Lucille Tanguay, Chit Lee – COMM Dir***
- George Culbertson – SEC
- Tom Kerrigan – PEO C3T
- Bernie Borek – TYAD
- John Topping – PEO EIS
- **Tom Clark – IEW Dir***
- Bernie Price, Vince DiNicola – DCSOPS

***SR ICT POCs**

***LEO/ELA POC**

Key Points

- Sustainment Review ICT established to create standardized review/process
  - Weapon System Team controls program and will develop plans to manage sustainment
  - Deputy Directors chair biennial reviews for management oversight on selected systems
- First Phase standardizes LRC reviews
- Second Phase expands concept to PEO community

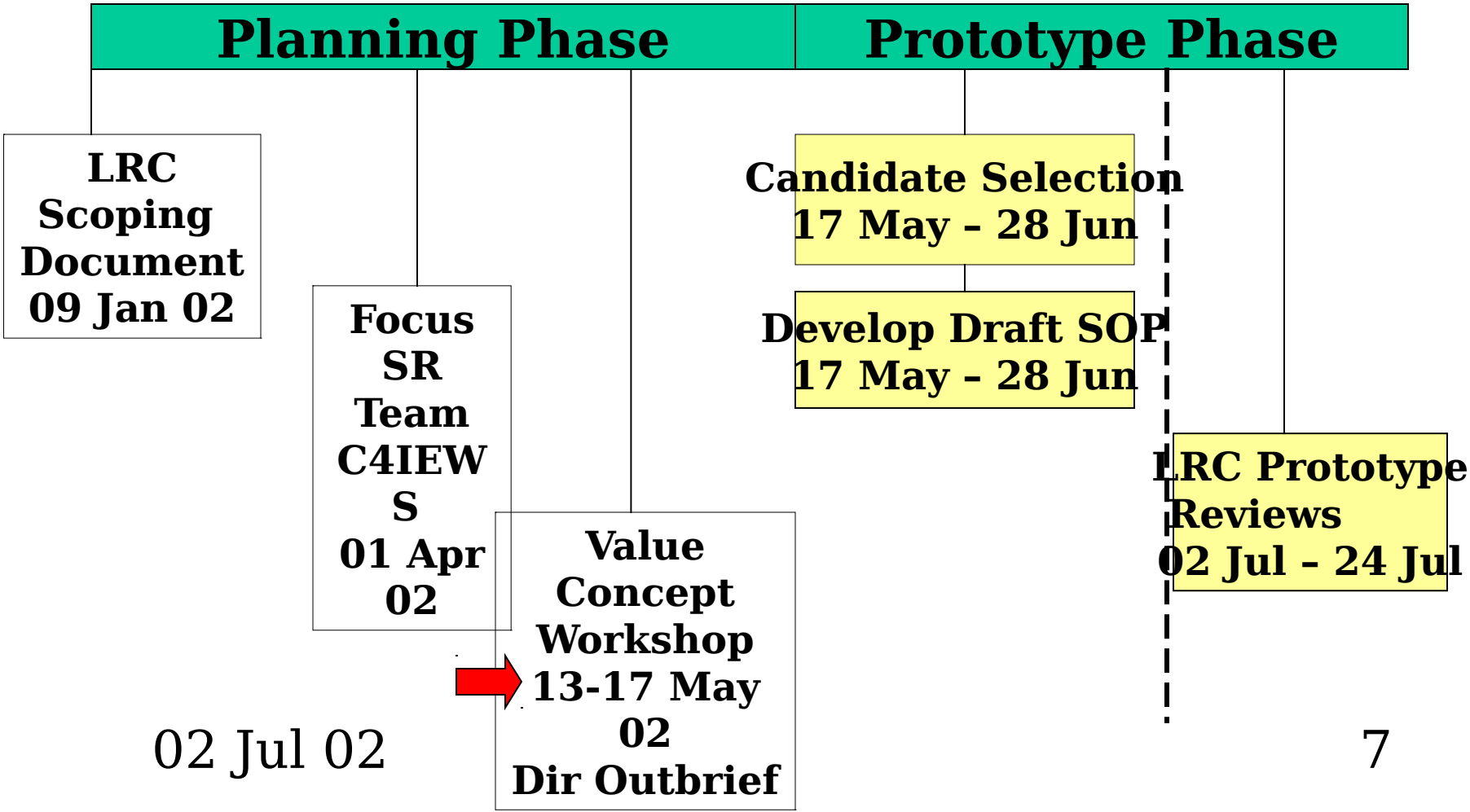
SR Prototype Documentation
D r a f t

- SR Policy
- SR Standing Operating Procedures
- SR Candidate Selection Checklist
- SR Questionnaire
- SR Briefing
- SR Feedback Form

Team C4IEWS Sustainment Review (SR)
Draft Policy

- Ensure sustainment strategies are:
  - Cost effective
  - Compliant with readiness objectives
  - Compliant with regulations, statutes and mandates
- Policy Tenets
  - Standardized reviews IAW SR SOP
  - Process owners perform review and create solutions
  - System chosen by standard criteria
  - Ratings developed for tracking sustainment “wellness”
  - **Implementation success = everyday use**
  - Deploy “best logistics” practices and lessons learned
  - Feedback to PEO/PMs to aid in early life-cycle decision

SR Timeframes Part I


Planning Phase
Prototype Phase
LRC Scoping Document 09 Jan 02
Focus SR Team C4IEWS 01 Apr 02
Value Concept Workshop 13-17 May 02 Dir Outbrief
Candidate Selection 17 May – 28 Jun
Develop Draft SOP 17 May – 28 Jun
LRC Prototype Reviews 02 Jul – 24 Jul

SR Members

Core Members	Ad Hoc Members	
Deputy Director of Commodity Directorate (Chair)	Legal office Acquisition Center DSCRM TYAD Contractor SEC Safety Office PL (level 1) DSCOPS	ALC Rep (DRE) DCSLOG/ENG Power Sources SADBU RDEC Competition Advocate CCSLA Red Team
Division Chief/Branch Chief		
Weapon System Team members		
LEO/ELA Division Rep(s)		

Prototype Sustainment Review (SR) Procedure

Weapon System Team Completes SR Checklist

Each Weapon System Directorate Nominated 1 System by 28 Jun 02

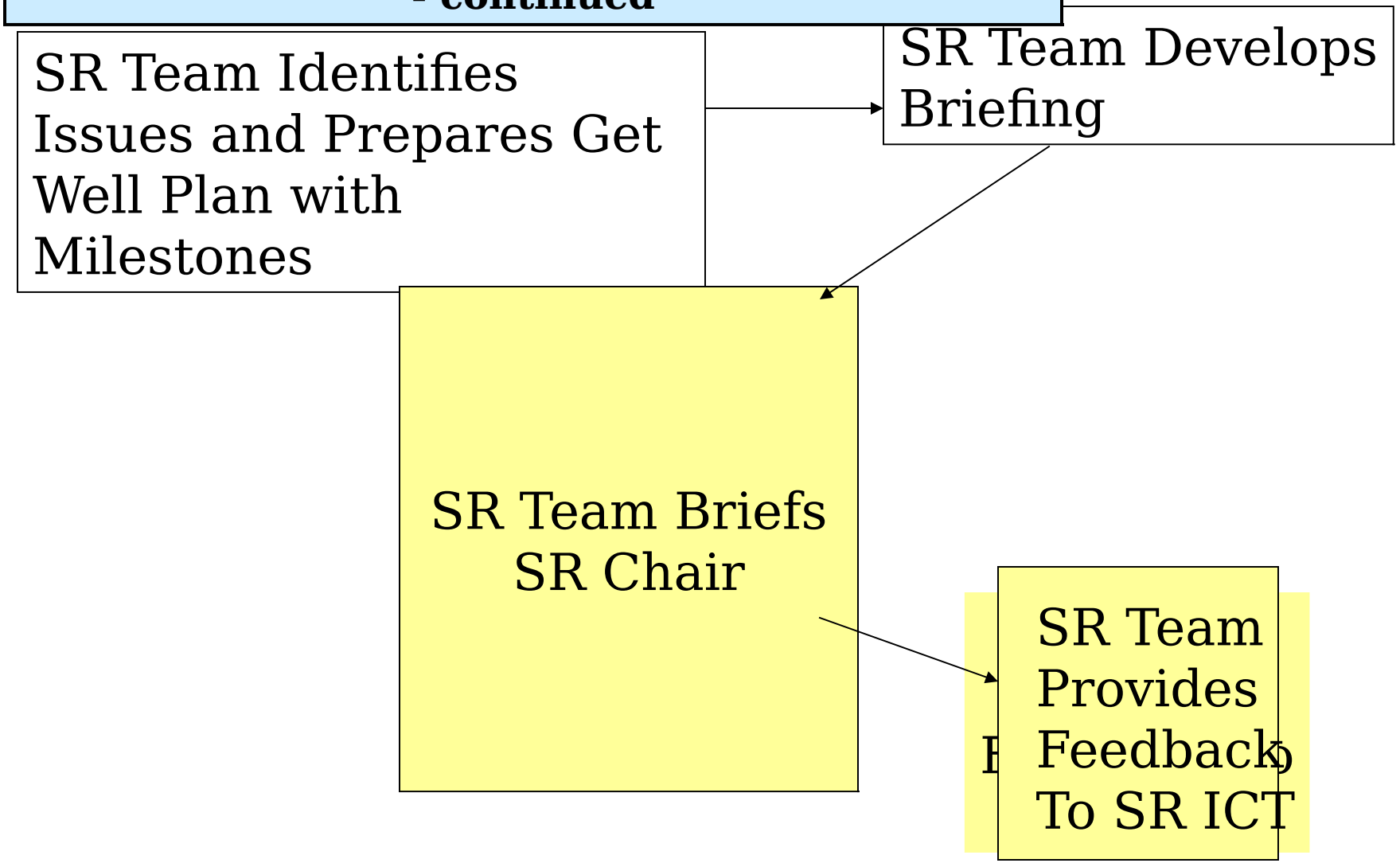
SR Team = WS Team & Ad Hoc Members

Chair Notifies WS Team

SR Team will complete SR Questionnaire 02 Jul 02

SR Team gives Chair the completed Questionnaire 5 days before SRB

Prototype Sustainment Review (SR) Procedure - continued


SR Team Identifies Issues and Prepares Get Well Plan with Milestones
SR Team Develops Briefing
SR Team Briefs SR Chair
SR Team Provides Feedback To SR ICT

Questionnaire

- Focus on critical or problem areas over the next two years
- Addresses:
  - CDA
  - PBL
  - SBCT (formerly the IBCT)
- Prepared by the SR Team to identify problem areas
- Provided to the Chair (Dep Dir) 5 working days before Briefing

SR is the management process!

Briefing

- Derived from existing Weapon System Directorates review packages.
- Sustainment Period under review is next 2 years.
- The WS Team:
  - Provides Evaluation of Program Sustainability
  - Assigns Ratings to ILS and Sustainment Wellness Elements
  - Provides Get Well Plans for Issues
  - Presents Near Term and Long Term Program Goals
  - Identifies Areas for Management Intervention.

Focus on Next 2 Years

Ratings

B Rating Element is optimized and may serve as a ***Best Practice***.

G Rating Element is adequate for the next two years.

A Rating Element will experience problems within 2 years but there is a plan in place to get to “green”.

R Rating Element has one or more “show stopper” conditions within 2 years.

Integrated Logistics Support Element Ratings

G	Design Interface		Technical Data
	Maintenance Planning		Computer Resource Support
	Manpower and Personnel		Training & Training Support
	Supply Support		Facilities
	Packaging, Handling & Storage & Transportation		Support Equipment

This chart parallels current PEO/PM reviews.

Only *Amber* and *Red* elements will be addressed

ILS Element Rating

Issue: Rating:

Get Well Plan

-
-
-
-

Each amber or red issue must be addressed.

Milestones

-
-
-
-

Summarize Blue Ratings!

Sustainment Wellness Ratings

	B	G	A	R
Cost Effectiveness				
Readiness Objectives				
Regulations/Statutes/Mandates Compliance				
Fielding Requirements (SBCT/FDD)				
Resources (Funding + Personnel)				
Acquisition Strategy/Contract Planning				
Design for Supportability				

Definition of “4 Prong” Sustainment Wellness Elements

Regulations/Statutes/Mandate Compliance (Core Depot): Core Logistics Statue, Title 10, United States Code. (U.S.C.)

Fielding Requirements (SBCT/FDD): Interoperability, Transportability, Human Factor Issues, Materiel Fielding, Unit Package Fielding, System of Systems Support e.g. Training.

Acquisition Strategy/Contract Planning: Identifies strategy to acquire both the products and the support for the system and lays out how the contracts will be developed and in what timeframe…Will include PBL.

Design For Supportability (PBL): Standardization, Durability, Obsolescence Issues, Total Ownership Costs or Life Cycle Cost Driver Management, Mission Reliability, Logistics Reliability or Demand Rates, Maintenance Ratios or Maintainability, Serviceability & Preventive Maintenance Requirements, Fault Isolation/Detection Effectiveness, Power Generation Requirements, Number of Operators per System.

Wellness Rating Element

Issue: Rating:

Get Well Plan

-
-
-
-

Each amber or red issue must be addressed.

Milestones

-
-
-
-

Summarize Blue Ratings!

Program Goals

- Short Term (≤ 90 days)
- Long Term (> 90 da

Identifies overall plan for improving Sustainment.

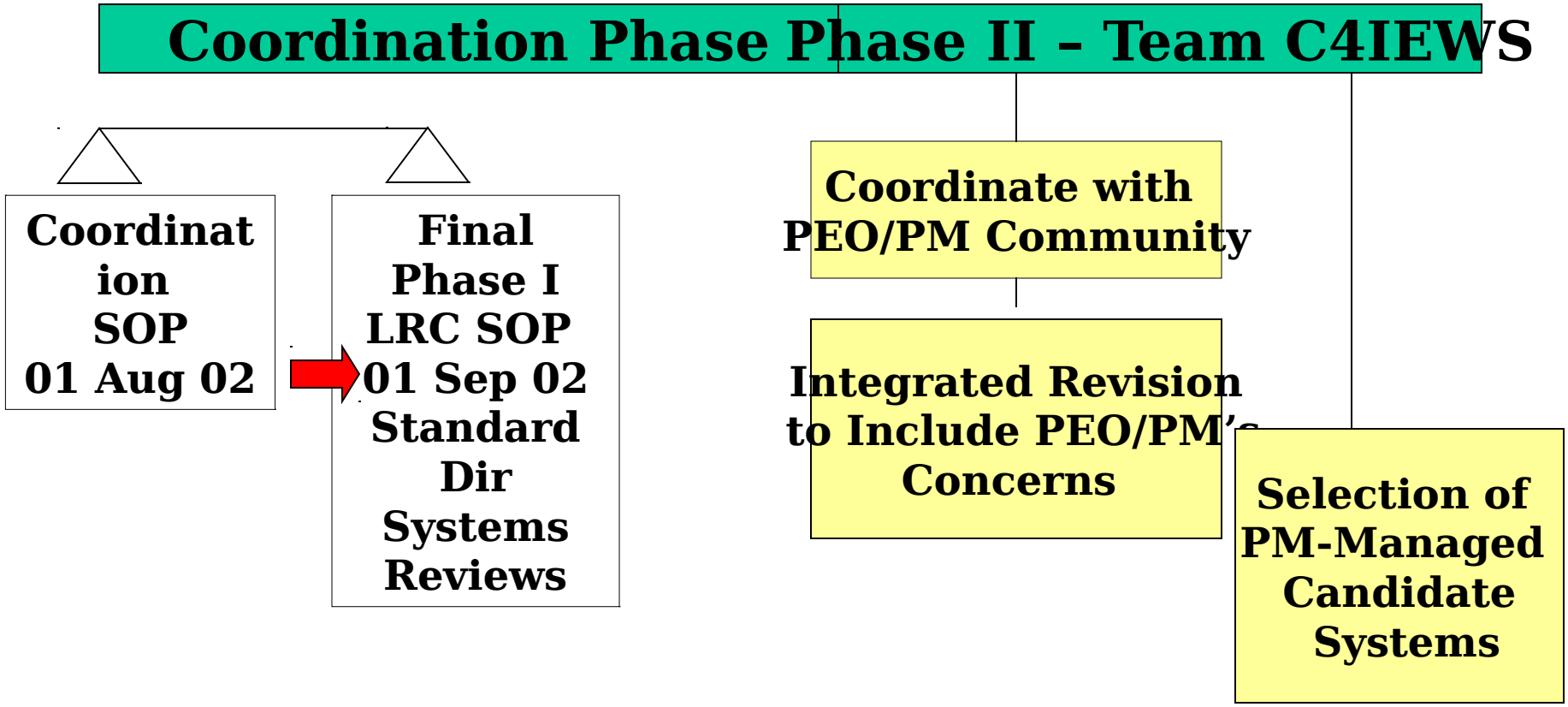
What happens with the Ratings?

This is an open action….

The SR ICT proposes that the SR Ratings be tracked within the Weapon System Directorate… using the R&A already in place.

…..What are Your thoughts?

SR Timeframes Part II


Coordination Phase Phase II – Team C4IEWS
Coordinat ion SOP 01 Aug 02
Final Phase I LRC SOP 01 Sep 02
Standard Dir Systems Reviews
Coordinate with PEO/PM Community
Integrated Revision to Include PEO/PM's Concerns
Selection of PM-Managed Candidate Systems

Next Steps:

- Weapon System Team forms SR Team with Ad Hoc members
- SR Team completes Review Questions and provides to Dep Dir (Chair)
  - IEWS 15 Jul 02
  - CCS/Avionics 16 Jul 02
  - Comm 17 Jul 02
- SR Team to brief Dep Dir
  - IEWS 22 Jul 02
  - CCS/Avionics 23 Jul 02
  - Comm 24 Jul 0
- Prototype SR Team recommends changes to SR documents and process

5 days before review